In the Claims:

Cancel claims 9-12 without estoppel or disclaimer of the subject matter thereof.

1. (Original) A method of updating a network of a plurality of sensors from a remote base station, comprising:

selecting sensors to be updated along with data files;

alerting selected sensors of the upcoming update;

receiving at the remote base station the acceptance or rejection of the update from selected ones of the plurality of sensors;

transmitting the selected data files to the sensors that accept the updating data files; and

initiating update after all the selected data files are downloaded to each of the selected sensors.

2. (Original) The method of claim 1 further comprising:

receiving at the base station notification from a sensor that data files are missing; and

retransmitting the data files to all sensors that are missing data files from the first transmission.

3. (Original) The method of claim 1 wherein initiating further comprises:

storing files in the sensors that are not being updated;

stopping sensor activity during updating;

restoring all files;

comparing files for completeness; and

resuming sensor activity after updating is complete.

4. (Original) The method of claim 1 wherein initiating further comprises:

scheduling a time for the update.

5. (Original) A method of receiving and updating data files in a sensor remotely, comprising:

receiving a broadcast notification of an update of data files;

accepting or declining the data file update;

switching to active state if the data file update is accepted;

receiving data file;

inspecting data files for completeness;

requesting any missing data files;

listening for broadcasts of missing files;

storing data files not being updated once all data files are received;

stopping all sensor activity and initiating update; and

resuming all sensor activity after updating is complete.

6. (Original) A processor readable storage medium containing processor readable code for programming a processor of a sensor from a remote base station to perform a method comprising the steps of:

receiving a broadcast notification from the base station of an update of data files;

accepting or declining the data file update;

switching to active state if the data file update is accepted;

receiving data file;

inspecting data files for completion;

requesting any missing data files;

listening for broadcasts of missing files;

storing data files not being updated until all data files are received;

stopping all sensor activity and initiating update; and

resuming all sensor activity after updating is complete.

7. (Original) A processor readable storage medium containing processor readable code for programming a processor in a base station to update a network of a plurality of remote sensors to perform a method comprising the steps of:

selecting sensors to be updated with data files to perform the updating;

alerting selected sensors of the upcoming update;

receiving at the base station acceptance or rejection of the update from selected ones of the plurality of sensors;

transmitting from the base station the selected data files to the sensors to accept the updating data files; and

initiating update after all the selected data files are downloaded to each of the selected sensors.

8. (Original) The processor readable storage medium method of claim 7 further comprising the steps of:

receiving notification from a sensor that data files are missing; and

retransmitting the data files to all sensors that are missing data files from the first transmission.

9.-12. (Cancelled)